

CLAIMS

This listing of claims will replace all prior versions, and listings of the claims in the application. The status of the claims is set forth in parentheses.

WHAT IS CLAIMED IS:

1. (Previously Presented) A method of associating in computer memory (i) a digital electronic version of printed human-discernible content of a printed document comprising a sheet having a machine-readable pattern adapted to enable the position of a digital pattern reading device to be determined and said human-discernible content with (ii) the identity of a sheet upon which the content is printed, the method comprising:
 - printing the content onto a sheet using a second printer, said sheet comprising a pre-patterned sheet that has been pre-printed by a first printer with said pattern;
 - transferring a machine-readable identity code between said second printer and said sheet at around the time of printing said content;
 - and storing a correlation between said identity code and said digital electronic version in computer memory.
2. (Previously Presented) A method according to claim 1 wherein said identity code is read from said sheet by said second printer.
3. (Previously Presented) A method according to claim 1 wherein said identity code is printed on said sheet by said second printer.
4. (Previously Presented) A method according to claim 3 wherein a plurality of sheets have the same pre-printed pattern as provided by the first printer and are given individual identities by using said second printer to apply different machine-readable identity codes to each of them at around the time of printing each sheet.
5. (Original) A method according to claim 1 wherein said machine-readable identity code comprises at least one code from the group:
 - (i) a pattern of dots;
 - (ii) a pattern of lines;
 - (iii) a pattern of printed objects whose positions and/or shapes code for an identity;
 - (iv) a position determining pattern;
 - (v) a bar code.

6. (Previously Presented) A method according to claim 1 wherein the second printer which prints said content onto said pre-patterned sheet has a pattern reading device, and wherein said second printer acquires data from said pre-printed pattern on the said sheet that is to be printed with content, in order to enable the identity of pattern on said sheet to be established, thereby enabling said association to be made in computer memory;
said second printer uses data from a digital electronic version of content to print said content onto said pre-patterned sheet;
and wherein said association is made in computer memory between said digital electronic version of said content and said identity of pattern.
7. (Previously Presented) A method according to claim 6 wherein said pre-printed pattern is associated in computer memory with specific digital electronic content and wherein upon recognition of said pattern using data acquired by said pattern reading device of said second printer, said specific digital electronic content is caused to be printed onto said pre-patterned sheet as human-discernible content.
8. (Previously Presented) A method according to claim 7 wherein different users have different pattern associated with them and wherein upon recognition of their pattern from data from said second printer's pattern reading device said content printer is caused to print user-specific content onto said sheet.
9. (Original) A method according to claim 2 wherein said human-discernible content comprises document-type content and user-specific content, wherein one from the group:
 - (i) document-specific content; and
 - (ii) user-specific content is selected by a user, and the other from said group is obtained from a predetermined correlation between said identity code that has been read by said printer and a digital electronic version said content.
- 10 - 11. (Canceled)

12. (Previously Presented) A method of associating in computer memory a digital electronic version of printed human discernible content of a printed document with an identity code adapted to identify said document, the method comprising:
- using a plurality of pages of pre-patterned digital paper that have been pre-printed by a first printer with a position-determining pattern, said pattern being adapted to enable a digital pen to acquire information from said pattern to enable the position of said pen on said pattern to be determined;
 - printing said content on said digital paper using a second printer;
 - using said second printer to be instrumental in conveying an identity code to or from the paper;
 - and associating in computer memory, using said code transferred, at the time of printing said content onto said pre-patterned paper, a digital electronic version of said content with the identity code for the particular sheet of digital paper upon which said content is printed.
13. (Original) A method as claimed in claim 12 wherein an identity code adapted to distinguish a specific sheet of pre-pattern digital paper is printed onto said specific sheet as part of an operation of printing said content onto said specific sheet, said identity code being readable by a digital pen and being capable of being used to distinguish data acquired by a digital pen from said specific sheet from data acquired by said pen from other sheets of pre-patterned paper having the same position-determining pattern on them as does said specific sheet.
14. (Previously Presented) A method according to claim 12 wherein an identity code adapted to distinguish a specific sheet of pre-patterned digital pattern is printed on said specific sheet in an operation prior to printing said content onto said specific sheet, and wherein a second printer which prints said content onto said pre-patterned paper has an identity code reading device, said second printer being capable of acquiring data from said identity code, said identity code being capable of being used to distinguish data acquired by a digital pen from said specific sheet from data acquired by said pen from other sheets of pre-patterned paper having the same position-determining pattern on them as does said specific sheet, to enable said association to be made between said digital electronic version of said content and said identity code.

15. (Original) A method according to claim 12 wherein a plurality of different identity codes are printed on a respective plurality of pre-patterned sheets each having the same pre-printed position-determining pattern, said identity codes enabling a digital pen to acquire sheet identity data to enable data acquired from each sheet to be distinguished from data acquired from other sheets.
16. (Previously Presented) A method according to claim 14 wherein said identity code is associated in computer memory with specific digital electronic content and wherein upon recognition of said identity code using data acquired by said identity code reading device of said second printer, said specific digital electronic content is caused to be printed onto said pre-patterned sheet as human discernible content.
17. (Previously Presented) A method according to claim 16 wherein different users have different identity codes associated with them and wherein upon recognition of their identity code from data from said second printer's identity code reading device said second printer is caused to print user-specific content onto said sheet.
18. (Original) A method according to claim 12 wherein said identity code is printed in an area of said pre-patterned paper which is from the group:
 - (i) free of pattern;
 - (ii) substantially free of pattern.
19. (Original) A method according to claim 15 wherein an area of said sheets from the group:
 - (i) all of a surface of each of the sheets;
 - (ii) substantially all of a surface of each of the sheets;
 - (iii) at least half of the surface area of each of the sheets;
 - (iv) at least a tenth of the surface area of each of the sheets;are pre-printed with pattern.
20. (Canceled)
21. (Previously Presented) A method according to claim 12 wherein said second printer is (i) not capable of printing said pattern satisfactorily; or (ii) configured not to be capable of printing said pattern satisfactorily.
22. (Canceled)

23. (Previously Presented) A method according to claim 1 wherein said first printer has substantially better print resolution than does said second printer.
24. (Original) A method according to claim 23 wherein pre-printed digital paper is taken from said first printer and put into a plurality of second printers.
- 25 – 51 (Canceled)
52. (Previously Presented) A method of combining pen strokes made with a digital pen upon a digital sheet having pen position-determining pattern printed upon it and human-discernible content printed upon it comprising:
- printing said sheet with said pattern in a pre-patterning operation with a first printer to create a pre-patterned sheet;
 - subsequently printing said content onto said pre-patterned sheet using a second printer to create a content-printed digital sheet;
 - transferring an identity code between said second printer and said sheet to enable the identity of said sheet to be established in a subsequent pen-on-sheet writing operation, the transfer of said identity code occurring in the same time frame as printing said content onto said sheet;
 - associating in computer memory a link between said identity code and an electronic version of said content that was printed on said sheet;
 - using a digital pen to make pen strokes on said content-printed sheet;
 - conveying pen-acquired pen-position data, relating to the position of said pen in said pattern to a processor;
 - using the digital pen to acquire said identity code from said content-printed sheet;
 - the processor using the pen-acquired identity code, the pen acquired pen-position data, and the link between said identity code and said electronic version of said content to combine said pen strokes with said content.
- 53 - 71. (Canceled)
72. (Previously Presented) The method according to claim 1, wherein the second printer is an existing legacy printer.
73. (Previously Presented) The method as claimed in claim 12, wherein the second printer is an existing legacy printer.
74. (Previously Presented) The method as claimed in claim 52, wherein the second printer is an existing legacy printer.